



The **Medrad 9500 Multigas Monitor** is intended for health-care professionals trained in monitoring respiratory and cardiovascular activity. The Medrad 9500 allows you to choose the measurement capabilities or parameters you need. The ECG monitoring combines fiber optic cables, and short graphic leads to protect the patient from RF heating. The fiber optic cables and MR-compatible components for a clear signal and reliable patient assessment.

Features

- Large, high-contrast screen and parameter display.
- User-configurable visual and audible display and alarm.
- Controllable from inside and outside the scanner room with a remote keypad.
- Portable, stand-mounted monitor.
- Modular platform that can be customized and updated to meet your needs.
- Monitors agent gases, pulse oximetry, ECG, NIBP, Invasive Pressure, CO₂.



Specifications

Dimensions

Height: 8.5" (21.6 cm)
Width: 18.6" (47.7 cm)
Depth: 13.4" (34.2 cm)
Weight: 38 lbs (17.2 kg)

Display

Type: Backlit electroluminescent
Size: 7.7 x 4.8" (19.5 x 12.2 cm)
Resolution: 640 x 200

Strip Printer

Print Speed: 12.5, 25, or 50 mm/sec for cardiac waveforms 3, 6, 12, or 25
Waveforms: Prints up to four groups of waveforms with up to 2 waveforms per group
Continuous: Prints a continuous strip chart of group 1 waveforms, with annotation lines printed every 200 mm (8")

Anesthetic Agents

Technique: Piezoelectric Crystal Resonance
Gases: Isoflurane, Enflurane, Halothane, Desflurane, Sevoflurane
Display Range: 0 to 20%
Accuracy: 10% or 0.2%, whichever is greater

Oximetry

SpO₂: Range: 0 - 100%; Accuracy: $\pm 2\%$ at 70%; $\pm 3\%$ at 50% - 69%; Calibration: Fractional
Pulse Rate: Range: 30 to 254 BPM; Accuracy: $\pm 2\%$ at 30 - 100 BPM

ECG

Heart Rate: Range: 30 - 250 BPM; Accuracy: $\pm 2\%$ at 30 - 100 BPM
Lead Selection: I, II, III
Bandwidth: 0.5 Hz to 40 Hz

%O₂

Range: 0% to 100% O₂
Accuracy: $\pm 2\%$ O₂ (When % O₂ cell is calibrated with 100% O₂)
Resolution: 1% O₂
Probe: Galvanic Fuel Cell

NIBP

Range: 10 - 300 mmHg
Accuracy: ± 4 mmHg
Inflate Time: 10 seconds

Invasive Blood Pressure

Trace Display Ranges: 0 - 300 mmHg; 0 - 150 mmHg; 0 - 75 mmHg; 0 - 50 mmHg; 0 - 25 mmHg

